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February 3, 2004

ATTORNEY DOCKET NO. 08372.0017
CUSTOMER NO. 22,852

17548 U.S. PTO
10/769819



Mail Stop Patent Application

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

New U.S. Patent Application

Title: SEMICONDUCTOR DEVICE ALLOWING MODULATION OF A
GAIN COEFFICIENT AND A LOGIC CIRCUIT PROVIDED WITH
THE SAME

Inventors: Fusayoshi HIROTSU and Junichi HIROTSU

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- 27 pages, including 4 independent claims and 26 claims total.
2. Drawings- 9 sheets of drawings containing 16 figures. (Figures 1-15).
3. Declaration and Power of Attorney.
4. Recordation Form Cover Sheet and Assignment to Fusayoshi HIROTSU.
5. Certified copy of Japanese Application No. 2003-174703, filed June 19, 2003.
6. Information Disclosure Statement and Information Disclosure Citation, PTO 1449 with 1 document attached.
7. The filing fee is calculated as follows:

Basic Application Filing Fee					\$770	\$ \$770.00
	Number of Claims		Basic	Extra Claims		
Total Claims	26	-	20	6	x \$18	108.00
Independent Claims	4	-	3	1	x \$86	86.00
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)					+\$290	
Subtotal						\$ 964.00
Reduction by 1/2 if small entity						- 482.00
TOTAL APPLICATION FILING FEE						\$ 482.00

8. A check for \$522.00 is enclosed. The fee includes:

\$385.00 filing fee;
\$97.00 additional claims fee; and
\$40.00 Assignment recordation fee.

Applicants claim small entity status. The fees indicated above are reduced by 1/2.

Applicants claim the right to priority based on Japanese Application No. 2003-174703, filed June 19, 2003.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,
Garrett & Dunner, L.L.P.
1300 I Street, N.W.
Washington, D.C. 20005-3315

Please accord this application an application number and filing date and record and return the Assignment to the undersigned.

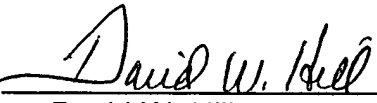
Commissioner for Patents
February 3, 2004
Page 3

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or §1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By: 
David W. Hill
Reg. No. 28,220

DWH/FPD/gah
Enclosures